



Code for Facilities, Technology and Inspection for Installations Using LP Gas in Cylinders

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Code Title	Code for Facilities, Technology and Inspection for Installations Using LP Gas in Cylinders

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Code for Facilities, Technology and Inspection for Installations Using LP Gas in Cylinders

1. General

1.1 Scope

This Code applies to the facilities, technology and inspection for installations using LP gas in cylinders among installations using LP gas in conformity to the Safety Control and Business Regulation of Liquefied Petroleum Gas Act (hereinafter referred to as "Act"), Article 44, Clause 1. <Revised on October 2, 2015>

1.2 Validity of Code

1.2.1 This Code has passed the deliberation and resolution by Gas Technical Standards Committee (Bill No. 2019-8, October 18, 2019) in conformity to the High Pressure Gas Safety Control Act (hereinafter referred to as "High Pressure Gas Act"), Article 33, Clause 2 in accordance with the Act, Article 45, Clause 2, has been approved by the Minister of Trade Industry & Energy (Notification No. 2020-167 of the Ministry of Trade Industry & Energy, March 18, 2020), and is valid and effective as the detailed standards in conformity to the Act, Article 45, Clause 1.

1.2.2 Conformity to this Code is deemed to conform to Table 20, No. 1 of the Enforcement Regulation of the Act in accordance with the Act, Article 45, Clause 4. <Revised on October 2, 2015>

1.3 Definitions

The terms used in this Code are defined as follows:

1.3.1 "Storage facilities" mean the facilities for storing liquefied petroleum gas and include storage tanks, mounted storage tanks, small storage tanks and cylinders (inclusive of collective facilities of cylinders and filled cylinder storage rooms).

1.3.2 "Storage tanks" mean the tanks of which storage capacity is not less than 3 tons installed and fixed aboveground or underground for storing liquefied petroleum gas.

1.3.3 "Small storage tanks" mean the tanks of which storage capacity is less than 3 tons installed and fixed aboveground or underground for storing liquefied petroleum gas.

1.3.4 "Collective cylinder facilities" mean the facilities of 2 or more gas cylinders assembled to store liquefied petroleum gas and consisting of gas cylinders, cylinder assembly devices and automatic switchover devices (devices automatically supplying gas from a standby cylinder when the gas pressure in a cylinder in use is dropped) and connecting piping and their accessories.

1.3.5 "Filled cylinders" mean the cylinders which are filled to no less than one half of the filling mass of liquefied petroleum gas.

1.3.6 "Residual gas cylinders" mean the cylinders which are filled to less than one half of the filling mass of liquefied petroleum gas.

1.3.7 "Gas facilities" mean the facilities and their accessory facilities (exclusive piping and storage facilities) through which liquefied petroleum gas passes.

1.3.8 "Cylinder gas consumers" mean those who use liquefied petroleum gas filled in cylinders as their fuel gas. However, the following persons coming under the following (1) or (2) are excluded:
(1) Those who use liquefied petroleum gas as vehicle fuel, fuel for gas heaters incorporated with cylinders, fuel for portable butane combustors or fuel for industrial purpose or ships.
(2) Those who use liquefied petroleum gas in moving condition.

1.3.9 "Supply facilities" mean the facilities which supply liquefied petroleum gas to cylinder gas consumers and come under the following (1) or (2):

(1) Facilities from the gas cylinder to the outlet of the gas meter when liquefied petroleum gas is supplied by measuring in volumetric units (hereinafter referred to as "volumetric sales method"), or
(2) Gas cylinders when liquefied petroleum gas is supplied by measuring in weight units (hereinafter referred to as "weight sales method")

1.3.10 "Combustion facilities" mean the facilities which are used by cylinder gas consumers to combust liquefied petroleum gas and come under the following (1) or (2):

(1) Facilities from the outlet of the gas meter to the combustor when liquefied petroleum gas is